

Nyiragongo Volcano Lava Flow Assessment Democratic Republic of the Congo

17 January 2002 Eruption



Base Image: LANDSAT 4
Resolution: 30 Meters
Date: 04 August 1989
Bands: 5 4 3

— Estimated extent of lava flows



Background

Mt. Nyiragongo erupted at approximately 9:30 AM local time (2:30 AM EST) on January 17. The volcano produced three paths of lava, one of which headed toward the city of Goma, 18 kilometers to the south. A fourth fissure opened at 4:00 PM on January 17. The area had been experiencing tremors intermittently since March 2001. The most recent eruption of Mt. Nyiragongo was in 1977, when the lava flow covered 20 square kilometers, killed 2,000 people, and destroyed 400 houses and a 10-kilometer section of road.



























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Numbers Affected

Total Affected:

350,000 (U.N. reports)

Deaths:

Approximately 147 (U.N. and USAID/OFDA field reports)

Displaced People:

Approximately to 30,000 (USAID/OFDA field reports)

Homes destroyed:

12,000 households (Approximately 80,000 people)
(USAID/OFDA field reports)

U.S. Government Assistance Funding Summary

USAID/OFDA

- Monetary support to implementation partners providing assistance to volcano-affected populations in DRC and Rwanda. \$50,000
- A January 21 airlift of USAID/OFDA relief commodities, including blankets, water jugs, water bladders, and dust masks. The cost includes the value of the commodities and the cost of transportation \$494,000
- A January 23 airlift of USAID/OFDA airlift departed the USAID/OFDA warehouse in Italy. The second airlift contains blankets, water jugs, and plastic sheeting. The cost includes the value of the commodities and the cost of transportation. \$339,337
- Seismographic equipment for the Goma Volcano Observatory, to arrive in Kigali on January 30. The cost includes the value of the commodities and the cost of transportation. \$39,750

USAID/FFP

- USAID/FFP has approved the loan of 1,714 MT of Title II emergency food aid from ongoing programs in the region. The cost includes the value of transportation and other associated expenses. \$1,100,000

USDA

- USDA has approved the loan of 3,450 MT of 416(b) emergency food commodities from ongoing programs in the region. The cost includes the value of transportation and other associated expenses \$2,255,000

USAID/OFDA	\$923,087
USAID/FFP	\$1,100,000
USDA	\$2,255,000
Total USG Assistance	\$4,278,087